SAFETY DATA SHEET
Material Identity: MINERAL SPIRITS

SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION

Manufacturers Addresses:

Whitaker Oil Company |1557 Marietta Road NW | Atlanta, Georgia 30318
Alchem Chemical | 5360 Tulane Drive SW | Atlanta, Georgia 30336
Whitaker Solvents (FL) | 280 Enterprise Street | Ocoee, Florida 34761
Whitaker Chemical, LLC| 405 John Dodd Road | Spartanburg, SC 29303

Emergency Phone CHEMTREC: (800) 424-9300
General Information: (404) 355-8220
Synonyms: Stoddard Solvent, Ligroin, Petroleum Spirits, Petroleum Naphtha, Petroleum Distillates, Dearomatized Hydrocarbons, VARSOL™

SECTION 2· HAZARDS IDENTIFICATION

GHS Classification:

[Health]
Skin irritation Category 2
Aspiration hazard Category 1

[Environmental]
Acute Aquatic Toxicity Category 2
Chronic Aquatic Toxicity Category 2

[Physical]
Flammable Liquid Category 3

GHS Label elements, including precautionary statements

Pictograms

Signal Word: Danger

Hazard Statements:
H226: Flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.

Precautionary Statements:
P210: Keep away from heat/sparks/open flames/hot surfaces. -- No smoking.
P233: Keep container tightly closed.
P240: Ground / bond container and receiving equipment.
P241: Use explosion-proof electrical, ventilating, and lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing mist / vapors.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves and eye / face protection.
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P331: Do NOT induce vomiting.
P332 + P313: If skin irritation occurs: Get medical advice/ attention.
P370 + P378: In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish.
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P403 + P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents and container in accordance with local regulations.

SECTION 3 · COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Mineral Spirits	8052-41-3	100

Hazardous Constituents Contained in Complex Substances required for disclosure.

Nonane	111-84-2	01-05
1,2,4-Trimethybenzene	95-63-6	01-05

SECTION 4 · FIRST AID MEASURES

FIRST AID PROCEDURES:
Eye Contact: Flush eyes with water. Seek medical attention if irritation persists..
Skin Contact: Remove contaminated clothing. Wash with soap and water.. Seek medical attention if irritation persists.
Inhalation: If inhaled, remove to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear.

SECTION 5 · FIRE FIGHTING MEASURES

Suitable Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazardous combustion products: Oxides of carbon and various hydrocarbons
Fire Fighting Procedures: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Unusual Fire and Explosion Hazards: Containers can build up pressure if exposed to heat and/or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back.

SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

Provide adequate ventilation. Evacuate all non-essential personnel from the spill area. Eliminate all ignition sources. Suitable protective clothing should be worn. Shut off or plug source of spill.
Small spills: absorb on inert media and collect into suitable container.
Large Spills: Dike spill area to contain liquid. Salvage as much re-useable liquid as possible into a suitable container. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

SECTION 7 · STORAGE AND HANDLING

Handling: Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes.
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
Storage: This material is a static accumulator. Use non-sparking tools. Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers. Containers should be grounded and bonded.

SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of will vary depending upon potential exposure conditions.

Exposure Limits: Stoddard Solvent 100 ppm ACGIH; 150 ppm OSHA

Personal Protective Equipment (PPE):
Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.
Skin: If prolonged or repeated skin contact is likely, wear appropriate protective gloves.
Clothing: Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.
Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.
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SECTION 9· PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: 109 ^{O}F
Autoignition Temperature: 460 ^{O}F
Boiling Point Range: 316 -380 ^{O}F
Melting Point/Freezing Point: No available data
Vapor Pressure: 1.2 mmHg
Vapor Density (Air-1): 5
Appearance/Odor: Clear colorless liquid with petroleum odor.

Flammability Limits: Lower: 1 Upper: 6
Specific Gravity: 0.79
Volatile %: > 95
Evaporation Rate (BuAc=1): 0.2
pH: Not Applicable
Solubility in Water: Negligible

SECTION 10 · STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.
Conditions to Avoid: Keep away from heat, flame and other potential ignition sources. Temperatures in excess of 120 ^{0}F for prolonged periods.
Incompatible Materials: Strong oxidizing agents.
Hazardous Polymerization: Will not occur.

SECTION 11 · TOXILOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Skin: Contact can cause redness and irritation. Severity depends on the amount and duration of exposure.
Eyes: Vapors are irritating to the eyes. Liquid contact will cause stinging and tearing.
Inhalation: Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.
Ingestion: If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.

Acute oral toxicity:
LD50 rat: >3160 mg/kg
Acute inhalation toxicity:
LC50 rat: 13 mg/l
Acute dermal toxicity:
LD50 rabbit: >3400 mg/kg

SECTION 12 · ECOLOGICAL INFORMATION

Ecotoxicity: Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
Mobility: Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.
Biodegradation: Expected to be inherently biodegradable
Hydrolysis: Transformation due to hydrolysis not expected to be significant.
Photolysis: Transformation due to photolysis not expected to be significant.
Atmospheric Oxidation: Expected to degrade rapidly in air.

SECTION 13 · DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 · TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name:	Petroleum Distillates, n.o.s.
Hazard Class	3
UN Number:	1268
Packaging Group:	3

SECTION 15 · REGULATORY INFORMATION

US FEDERAL REGULATIONS

OSHA HAZARD COMMUNICATION STANDARD: This material is considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 1000 pounds. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

Toxic Substance Control Act (TSCA): All components of this product are listed on the TSCA inventory list.

SARA Section 311/312 (40 CFR 370) Hazard Categories:
Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA Section 313 (40 CFR 372) Hazard Categories:
This material contains the following component subject to reporting levels established by SARA Title III, Section 313:
1,2,4-Trimethylbenzene CAS 95-63-6 (1-5%)

This material contains the following components with known CAS numbers that do not exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313:
Naphthalene CAS 91-20-3 (0.1 - 0.5%) Ethyl Benzene CAS 100-21-4 (0.1 - 0.5%)

Clean Water Act: This product contains Naphthalene and Ethyl Benzene chemicals that are listed under the CWA.

Clean Air Act: This product contains Naphthalene and Ethyl Benzene chemicals that are listed under the CAA.

California Prop 65: This product contains Naphthalene and Ethyl Benzene chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 · OTHER INFORMATION

MSDS Revision Date: March 2015

NFPA Ratings: **HEALTH: 1** **FLAMMABILITY: 2** **REACTIVITY: 0**

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